

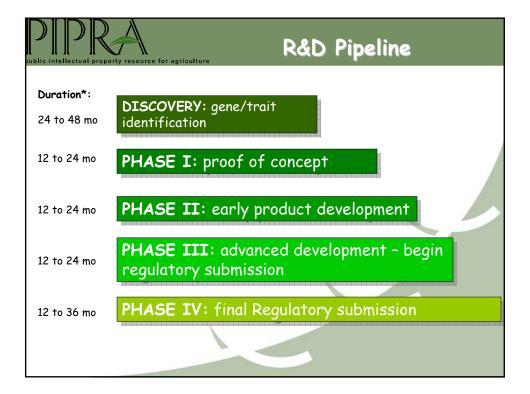
### PIPRA UPDATE

Intellectual Property Management within the PD Consortium

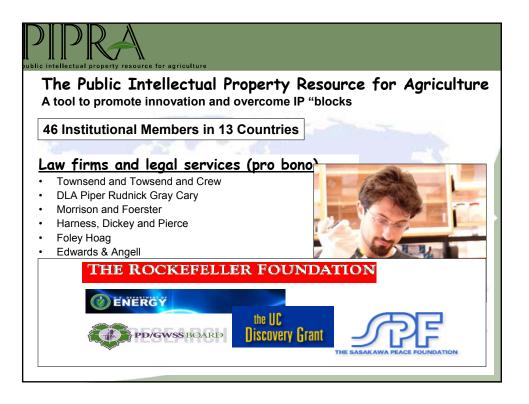
### Alan Bennett

Executive Director, PIPRA
Associate Vice Chancellor Research, UC Davis

December 13, 2007



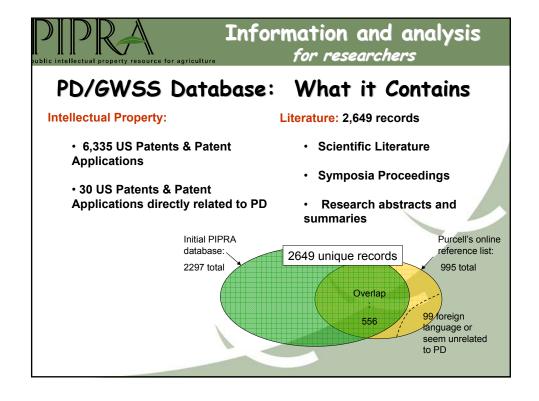


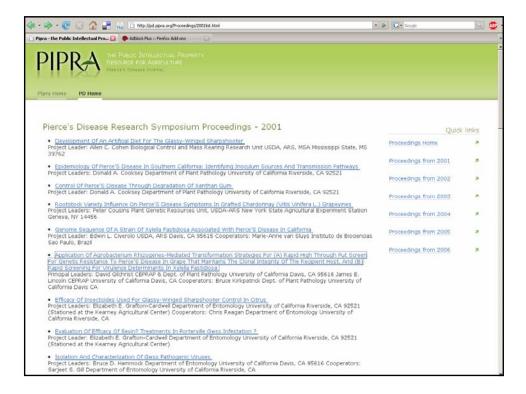


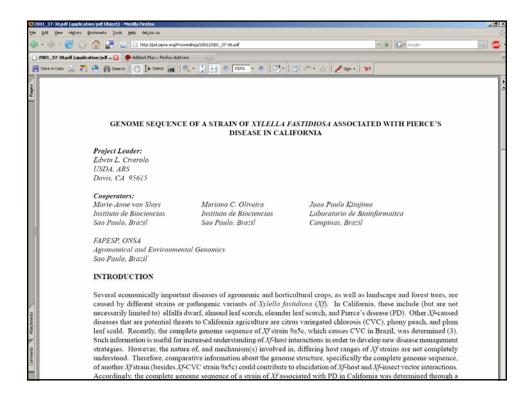


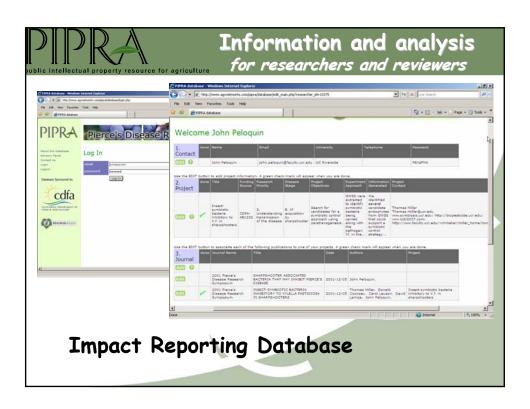
## Overview

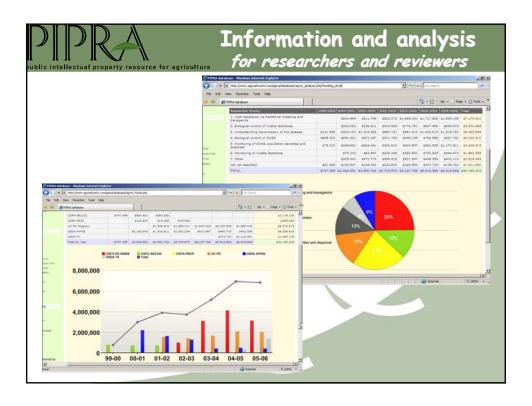
- 1. PD Literature and Intellectual Property Database
- 2. Impact Database annual reporting updates
- 3. Intellectual Property/Technical Audits







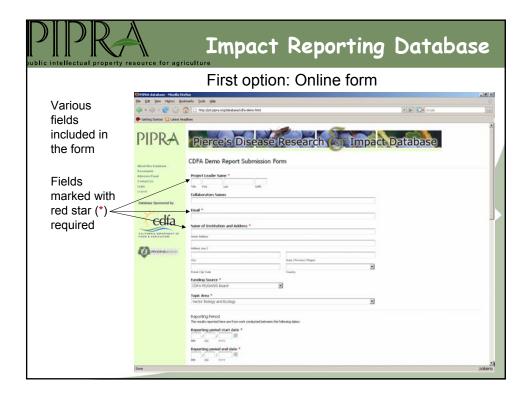


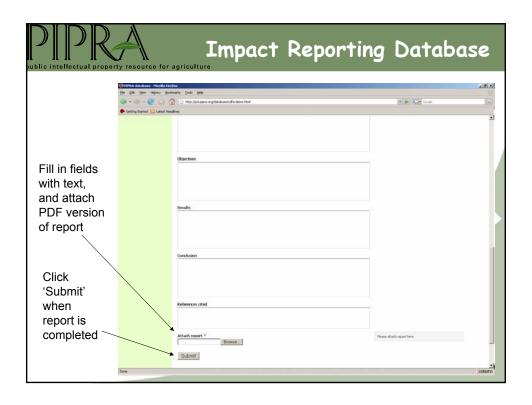


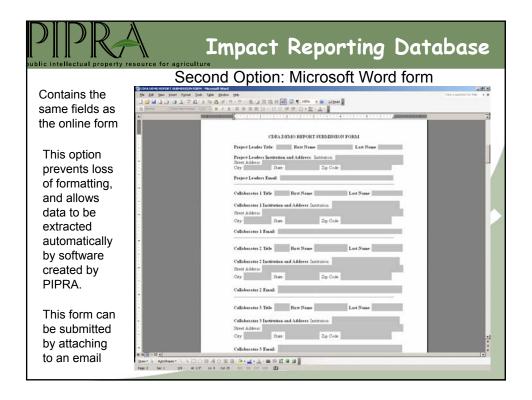
## Impact Reporting Database

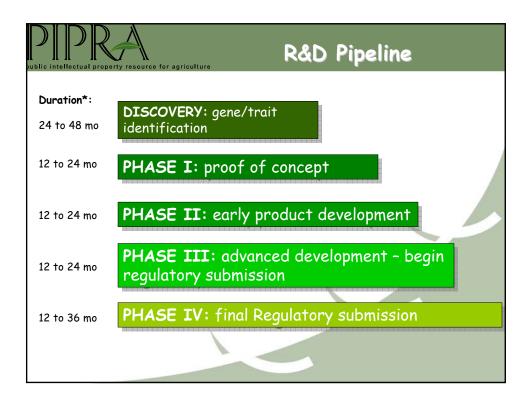
### Updating the project information

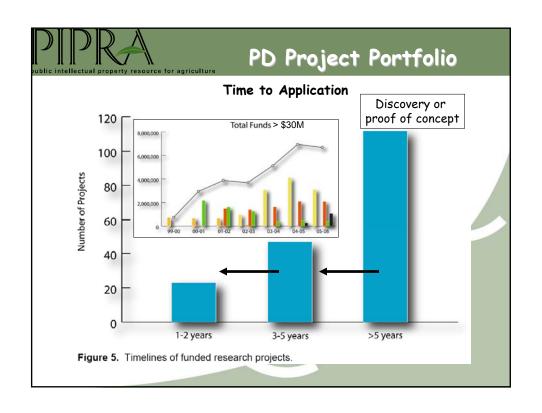
- Centralized and easier means for researcher updates and reports.
- First option is an online form. This can be found at: <a href="http://pd.pipra.org/database/cdfa-demo.html">http://pd.pipra.org/database/cdfa-demo.html</a>
   currently.
- · Second option is a Microsoft Word form.

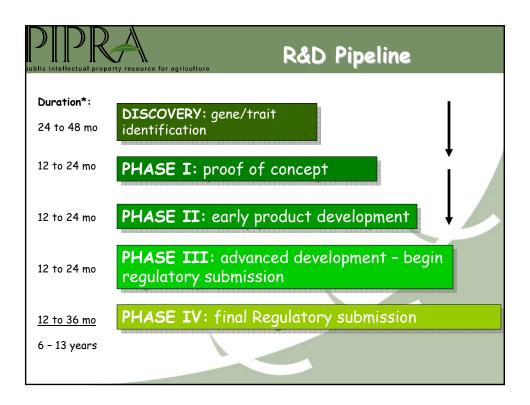


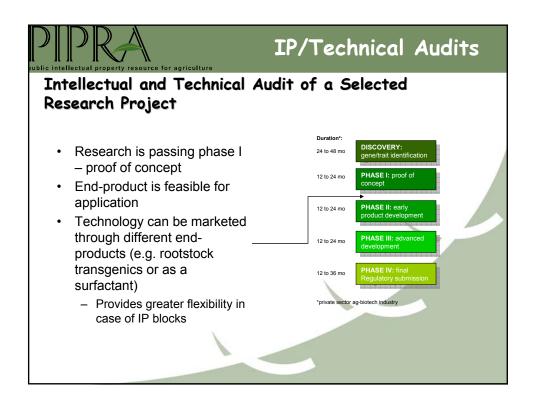














## IP and Technical Audit

## Intellectual and Technical Audit of a Selected Research Project

Identifies all IP embedded in one particular technology.

- IP protecting components, methods and application of the technology
- Evaluates contractual agreements entered by researchers, research institutions and all participating parties
  - Material transfer agreements
  - Employment contracts
  - Licensing contracts
- Suggests strategy options for the development and deployment of the target technology
  - Identify potential legal obstacles
  - IP suggestions
  - Marketing opportunities

# PIPRA

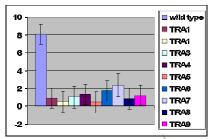
## IP and Technical Audit of Diffusible Factor Signal

#### Intellectual and Technical Audit of a Selected Research Project

...Selected technology "Management of Pierce's Disease of Grape by Interfering with Cell-Cell Communication of Xf" lead by Steven Lindow (UC Berkeley)

#### I. DSF in Transgenic Grape Rootstocks II.

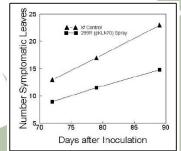
GE grape plant that over-expresses DSF exhibit a reduction in disease transmission and onset of symptoms



#### III. Aerosol Topical Application of Purified DSF

## Topical Application of GE bacteria expressing DSF

Spray grape plants with GM endophytes designed to over-express or degrade DSF (tested- E. coli, E. herbicola)



Source: Lindow, S; Chatterjee, S.; Purcell, A. Pierce's Disease Research Symposium Proceedings 2006, pg. 181-2

